

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE ERIE</b>				
<b>MI WATERS OF LAKE ERIE COUNTY</b>				
MONROE HARBOR	08/24/07 17:40 EST		0	Marine Thunderstorm Wind (EG 56 kt)
	08/24/07 17:40 EST		0	41.92N, 83.4W
<b>MI WATERS OF LAKE ERIE COUNTY</b>				
STONY POINT	08/24/07 18:00 EST		0	Marine Thunderstorm Wind (EG 43 kt)
	08/24/07 18:00 EST		0	42N, 83.3W
The line of severe thunderstorms that spawned several tornadoes across Southeastern Lower Michigan moved across neighboring marine waters with wind gusts as high as 65 MPH.				
<b>MI WATERS OF LAKE ERIE COUNTY</b>				
STONY POINT	08/29/07 18:42 EST		0	Marine Thunderstorm Wind (EG 43 kt)
	08/29/07 18:42 EST		0	42N, 83.3W
A strong cold front moved through Southeast Michigan during the peak heating of the day and led to another big event, especially for late August. Severe thunderstorms with large hail and damaging wind gusts had an impact on all marine areas neighboring Southeast Lower Michigan.				
<b>LAKE HURON</b>				
<b>INNER SAGINAW BAY &amp; SW OF PT AU GRES TO BAY PORT MI COUNTY</b>				
SAGINAW RIVER MOUTH	08/22/07 22:25 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	08/22/07 22:25 EST		0	43.65N, 83.83W
<b>INNER SAGINAW BAY &amp; SW OF PT AU GRES TO BAY PORT MI COUNTY</b>				
POINT AU GRES	08/22/07 23:00 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	08/22/07 23:00 EST		0	43.97N, 83.65W
<b>OUTER SAGINAW BAY &amp; SW OF ALABASTER TO PT AUSTIN MI COUNTY</b>				
POINT AU GRES	08/22/07 23:00 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	08/22/07 23:00 EST		0	43.97N, 83.65W
<b>LH PT AUSTIN TO HBR BEACH MI 5NM OFFSHORE TO INTL BORDER COUNTY</b>				
PORT HOPE	08/23/07 00:10 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	08/23/07 00:10 EST		0	43.93N, 82.72W
Severe thunderstorms, producing strong wind gusts, moved across Saginaw Bay late on the evening of the 22nd.				
<b>INNER SAGINAW BAY &amp; SW OF PT AU GRES TO BAY PORT MI COUNTY</b>				
SAGINAW RIVER MOUTH	08/23/07 16:41 EST		0	Marine Thunderstorm Wind (EG 56 kt)
	08/23/07 16:41 EST		0	43.65N, 83.83W
A severe thunderstorm, producing large hail and wind gusts up to 60 MPH, moved across Inner Saginaw Bay. This same storm spawned a tornado in northwestern Sanilac County.				
<b>LH PT SANILAC TO PT HURON 5NM OFFSHORE TO INTL BORDER COUNTY</b>				
PORT HURON	08/29/07 17:31 EST		0	Marine Hail (0.75 in)
	08/29/07 17:31 EST		0	42.98N, 82.42W
<b>PT SANILAC TO PT HURON MI COUNTY</b>				
PORT HURON	08/29/07 17:31 EST		0	Marine Hail (0.75 in)
	08/29/07 17:31 EST		0	42.98N, 82.42W
A strong cold front moved through Southeast Michigan during the peak heating of the day and led to another big event, especially for late August. Severe thunderstorms with large hail and damaging wind gusts had an impact on all marine areas neighboring Southeast Lower Michigan.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE ST CLAIR</b>				
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY</b>				
ST. CLAIR SHORES	08/23/07 19:40 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	08/23/07 19:40 EST		0	42.3N, 82.87W
<b>DETROIT RIVER COUNTY</b>				
AMBASSADOR BRIDGE	08/23/07 20:21 EST		0	Marine Thunderstorm Wind (EG 56 kt)
	08/23/07 20:21 EST		0	42.23N, 83.07W
<b>A weakening squall line with a history of damaging wind gusts held together to produce strong wind gusts over Lake St Clair and the Detroit River.</b>				
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY</b>				
ST. CLAIR SHORES	08/24/07 17:45 EST		0	Marine Thunderstorm Wind (EG 56 kt)
	08/24/07 17:45 EST		0	42.3N, 82.87W
<b>DETROIT RIVER COUNTY</b>				
WYANDOTTE	08/24/07 17:50 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	08/24/07 17:50 EST		0	42.2N, 83.17W
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY</b>				
GROSSE POINTE	08/24/07 18:10 EST		0	Marine Thunderstorm Wind (EG 39 kt)
	08/24/07 18:10 EST		0	42.27N, 82.93W
<b>ST CLAIR RIVER COUNTY</b>				
MARINE CITY	08/24/07 18:10 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	08/24/07 18:10 EST		0	42.72N, 82.48W
<b>ST CLAIR RIVER COUNTY</b>				
CITY OF ST. CLAIR	08/24/07 18:15 EST		0	Marine Thunderstorm Wind (EG 48 kt)
	08/24/07 18:15 EST		0	42.83N, 82.48W
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY</b>				
ST. CLAIR SHORES	08/24/07 18:20 EST		0	Marine Thunderstorm Wind (MG 45 kt)
	08/24/07 18:20 EST		0	42.3N, 82.87W
<b>The line of severe thunderstorms that spawned several tornadoes across Southeastern Lower Michigan moved across neighboring marine waters with wind gusts as high as 65 MPH.</b>				
<b>ST CLAIR RIVER COUNTY</b>				
PORT HURON	08/29/07 17:31 EST		0	Marine Hail (0.75 in)
	08/29/07 17:31 EST		0	42.98N, 82.42W
<b>DETROIT RIVER COUNTY</b>				
WYANDOTTE	08/29/07 18:45 EST		0	Marine Thunderstorm Wind (MG 50 kt)
	08/29/07 18:45 EST		0	42.2N, 83.17W
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY</b>				
ST. CLAIR SHORES	08/29/07 19:00 EST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/29/07 19:00 EST		0	42.3N, 82.87W
<b>A strong cold front moved through Southeast Michigan during the peak heating of the day and led to another big event, especially for late August. Severe thunderstorms with large hail and damaging wind gusts had an impact on all marine areas neighboring Southeast Lower Michigan.</b>				
<b>MICHIGAN, East</b>				

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LENAWEE COUNTY</b>				
3.0 W ONSTED	08/07/07 17:47 EST		0	Thunderstorm Wind (EG 56 kt)
	08/07/07 17:47 EST		0	42N, 84.2384W
A trained spotter reported trees down.				
<b>WASHTENAW COUNTY</b>				
CHELSEA	08/07/07 19:21 EST		0	Thunderstorm Wind (EG 55 kt)
	08/07/07 19:21 EST		0	42.32N, 84.02W
A trained spotter reported numerous tree branches 3 inches in diameter down.				
<b>WASHTENAW COUNTY</b>				
CHELSEA	08/07/07 19:23 EST		0	Thunderstorm Wind (EG 55 kt)
	08/07/07 19:23 EST		0	42.32N, 84.02W
Law enforcement reported a tree ten inches in diameter down.				
<b>WASHTENAW COUNTY</b>				
2.0 E CHELSEA	08/07/07 19:32 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/07 19:32 EST		0	42.32N, 83.9809W
A trained spotter reported limbs 6 to 7 inches in diameter down.				
<b>A warm and moist airmass settled over the area and sparked a couple of severe thunderstorms over Washtenaw and Lenawee Counties. This was an all wind event with the most tree damage occurring in the Chelsea area.</b>				
<b>SHIAWASSEE COUNTY</b>				
2.0 N CORUNNA	08/22/07 21:00 EST		0	Thunderstorm Wind (EG 56 kt)
	08/22/07 21:00 EST		0	43.0089N, 84.12W
Law enforcement reported a large tree down on state road just north of M-21.				
<b>GENESEE COUNTY</b>				
4.0 W FLINT	08/22/07 22:00 EST		0	Thunderstorm Wind (EG 52 kt)
	08/22/07 22:00 EST		0	43.03N, 83.7591W
Law enforcement reported numerous power lines down.				
<b>SAGINAW COUNTY</b>				
SAGINAW	08/22/07 22:00 EST		0	Thunderstorm Wind (EG 58 kt)
	08/22/07 22:00 EST		0	43.42N, 83.97W
Central dispatchers received reports of numerous trees and power lines down throughout the county.				
<b>GENESEE COUNTY</b>				
3.0 NW LINDEN	08/22/07 22:03 EST		0	Thunderstorm Wind (EG 56 kt)
	08/22/07 22:03 EST		0	42.8507N, 83.8118W
A trained spotter reported trees down.				
<b>GENESEE COUNTY</b>				
3.0 N LINDEN	08/22/07 22:05 EST		0	Thunderstorm Wind (EG 56 kt)
	08/22/07 22:05 EST		0	42.8634N, 83.77W
Law enforcement reported a large tree down.				
<b>SAGINAW COUNTY</b>				
FREELAND	08/22/07 22:07 EST		0	Thunderstorm Wind (EG 50 kt)
	08/22/07 22:07 EST		0	43.52N, 84.12W
A wind gust of 58 mph was measured at the Saginaw International Airport.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SAGINAW COUNTY</b>				
SAGINAW	08/22/07 22:08 EST		0	Thunderstorm Wind (EG 52 kt)
	08/22/07 22:08 EST		0	43.42N, 83.97W
A trained spotter reported tree branches 4 inches in diameter down at the intersection of Carolina and Congress streets.				
<b>BAY COUNTY</b>				
5.0 NW BAY CITY	08/22/07 22:15 EST		0	Thunderstorm Wind (EG 54 kt)
	08/22/07 22:15 EST		0	43.6511N, 83.9506W
Law enforcement reported a tree down across the westbound lane of Wheeler Road at 3 Mile Road.				
<b>BAY COUNTY</b>				
1.0 NE BAY CITY	08/22/07 22:25 EST		8K	Thunderstorm Wind (EG 53 kt)
	08/22/07 22:25 EST		0	43.6102N, 83.8659W
Law enforcement reported large tree branches down at Lincoln ave and 5th Street. There were also reports of numerous wires down and a couple of blown transformers across the Bay City area.				
<b>GENESEE COUNTY</b>				
3.0 N FENTON	08/22/07 22:27 EST		0	Thunderstorm Wind (EG 56 kt)
	08/22/07 22:27 EST		0	42.8434N, 83.7W
A trained spotter reported trees down at the intersection of Fenton and Thompson Roads.				
<b>LAPEER COUNTY</b>				
LAPEER	08/22/07 22:34 EST		0	Thunderstorm Wind (EG 55 kt)
	08/22/07 22:34 EST		0	43.05N, 83.32W
Law enforcement reported a tree down.				
<b>BAY COUNTY</b>				
5.0 NW BAY CITY	08/22/07 22:40 EST		0	Thunderstorm Wind (EG 54 kt)
	08/22/07 22:40 EST		0	43.6511N, 83.9506W
Law enforcement reported a tree and wire down on the road at the intersection of Douglas Drive and Boy Scout Road.				
<b>LAPEER COUNTY</b>				
2.0 SSW ATTICA	08/22/07 22:43 EST		0	Thunderstorm Wind (EG 55 kt)
	08/22/07 22:43 EST		0	43.0033N, 83.1851W
Law enforcement reported a tree down.				
<b>LAPEER COUNTY</b>				
1.0 NW IMLAY CITY	08/22/07 22:50 EST		0	Thunderstorm Wind (EG 55 kt)
	08/22/07 22:50 EST		0	43.0402N, 83.094W
Law enforcement reported a tree down.				
<b>SANILAC COUNTY</b>				
BROWN CITY	08/22/07 22:51 EST		0	Hail (0.75 in)
	08/22/07 22:51 EST		0	43.22N, 83W
<b>LAPEER COUNTY</b>				
IMLAY CITY	08/22/07 23:02 EST		5K	Thunderstorm Wind (EG 55 kt)
	08/22/07 23:02 EST		0	43.03N, 83.08W
The local newspaper reported a large tree branch 15 inches in diameter down on two cars parked in the driveway of a home on S. Almont Ave. The damage to the cars was estimated at roughly \$5K.				
<b>This late August event marked the beginning of a very active 3 day stretch of severe weather. A large complex of thunderstorms moved northeast across Lake Michigan during the afternoon and eventually swept through the Flint and Saginaw areas late in the evening of the 22nd. Despite the less than ideal late evening timing, the formidable thunderstorm winds led to numerous reports of trees down.</b>				

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<b>SAGINAW COUNTY</b>				
4.5 N SAGINAW	08/23/07 16:40 EST		2K	Thunderstorm Wind (EG 50 kt)
	08/23/07 16:40 EST		0	43.4851N, 83.97W
Law enforcement reported wires down at the intersection of M84 and Tittabawassee Road.				
<b>BAY COUNTY</b>				
2.5 N BAY CITY	08/23/07 16:41 EST		0	Thunderstorm Wind (EG 56 kt)
	08/23/07 16:41 EST		0	43.6361N, 83.88W
Law enforcement reported a tree down.				
<b>BAY COUNTY</b>				
BAY CITY	08/23/07 16:41 EST		0	Thunderstorm Wind (EG 56 kt)
	08/23/07 16:41 EST		0	43.6N, 83.88W
Law enforcement reported a tree down.				
<b>TUSCOLA COUNTY</b>				
UNIONVILLE	08/23/07 17:07 EST		0	Hail (0.75 in)
	08/23/07 17:07 EST		0	43.65N, 83.47W
<b>TUSCOLA COUNTY</b>				
CASS CITY	08/23/07 17:42 EST		10K	Thunderstorm Wind (EG 55 kt)
	08/23/07 17:42 EST		0	43.6N, 83.17W
A large tree fell through the roof of a home on Elmwood Road just south of Cass City. Total property damage was estimated at roughly \$10K.				
<b>TUSCOLA COUNTY</b>				
CASS CITY	08/23/07 17:50 EST		0	Hail (0.88 in)
	08/23/07 17:50 EST		0	43.6N, 83.17W
<b>SANILAC COUNTY</b>				
3.0 WNW ARGYLE	08/23/07 18:07 EST		0	Tornado (EF0, L: 0.50 mi , W: 25 yd)
	08/23/07 18:07 EST		0	43.5866N, 82.9853W
A trained spotter reported a tornado touchdown with several large trees down.				
<b>LIVINGSTON COUNTY</b>				
4.0 E PINCKNEY	08/23/07 18:40 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 18:40 EST		0	42.45N, 83.8516W
A trained spotter reported trees and branches down and estimated the wind gusts at 60 MPH.				
<b>LIVINGSTON COUNTY</b>				
LAKELAND	08/23/07 18:45 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 18:45 EST		0	42.47N, 83.83W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>LIVINGSTON COUNTY</b>				
BRIGHTON	08/23/07 19:00 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:00 EST		0	42.53N, 83.77W
A National Weather Service employee reported a tree branch 4 inches in diameter down.				
<b>OAKLAND COUNTY</b>				
SOUTH LYON	08/23/07 19:00 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:00 EST		0	42.47N, 83.63W
A trained spotter estimated wind gusts at 60 MPH.				

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<b>WASHTENAW COUNTY</b>				
1.0 W ANN ARBOR	08/23/07 19:08 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:08 EST		0	42.28N, 83.7495W
A trained spotter reported a tree down and estimated the wind gusts at 60 MPH.				
<b>OAKLAND COUNTY</b>				
COMMERCE	08/23/07 19:11 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:12 EST		0	42.58N, 83.48W
Large branches up to 10 inches in diameter down around the Commerce area.				
<b>WASHTENAW COUNTY</b>				
SALEM	08/23/07 19:29 EST		0	Thunderstorm Wind (EG 54 kt)
	08/23/07 19:29 EST		0	42.4N, 83.57W
The public reported trees down.				
<b>OAKLAND COUNTY</b>				
1.9 NNE FARMINGTON	08/23/07 19:32 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:32 EST		0	42.4963N, 83.3583W
A trained spotter reported large tree branches down.				
<b>MACOMB COUNTY</b>				
FRASER	08/23/07 19:40 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:40 EST		0	42.52N, 82.97W
A trained spotter reported a large tree branch 8 inches in diameter down.				
<b>MACOMB COUNTY</b>				
WASHINGTON	08/23/07 19:40 EST		0	Thunderstorm Wind (EG 52 kt)
	08/23/07 19:40 EST		0	42.72N, 83.03W
A trained spotter reported tree limbs 2 to 3 inches in diameter down and estimated the wind gusts at 60 MPH.				
<b>MACOMB COUNTY</b>				
FRASER	08/23/07 19:45 EST		0	Hail (1.25 in)
	08/23/07 19:45 EST		0	42.52N, 82.97W
<b>WAYNE COUNTY</b>				
GROSSE PT WOODS	08/23/07 20:21 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/23/07 20:21 EST		0	42.43N, 82.92W
Law enforcement reported numerous trees and power lines down throughout the city.				
<p><b>This severe thunderstorm event was day two of a three consecutive day stretch of severe weather across Southeast Michigan. It also featured the first tornado of the season. The event began with a thunderstorm in Midland County that moved east across the Thumb. This storm prompted the issuance of several tornado warnings, but other than a few funnel cloud and large hail reports, there was only one report of damage. This occurred near Argyle in northwestern Sanilac County and based on funnel cloud reports/photographs, tree damage, and radar signatures, it was confirmed as an EF0 tornado. At the same time this was occurring, a very fast moving squall line with a history of producing damaging wind gusts was approaching the lower half of Southeast Lower Michigan. Although the squall line became less organized and slowed its forward progress dramatically, it still produced numerous reports of wind damage across the area.</b></p>				
<b>SHIAWASSEE COUNTY</b>				
4.0 W OWOSSO	08/24/07 15:50 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 15:50 EST		0	43N, 84.2491W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>SHIAWASSEE COUNTY</b>				

## Storm Data and Unusual Weather Phenomena - August 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
2.0 W OWOSSO	08/24/07 16:08 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 16:08 EST		0	43N, 84.2095W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>SHIAWASSEE COUNTY</b>				
OWOSSO	08/24/07 16:10 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 16:10 EST		0	43N, 84.17W
Trained spotters reported several trees and power lines down.				
<b>LIVINGSTON COUNTY</b>				
2.0 N GREGORY	08/24/07 16:23 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 16:23 EST		0	42.4789N, 84.08W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>SHIAWASSEE COUNTY</b>				
4.0 S JUDDVILLE	08/24/07 16:23 EST		50K	Tornado (EF0, L: 0.25 mi , W: 50 yd)
	08/24/07 16:23 EST		0	42.9922N, 83.98W
Damage from this brief tornado was consistent with EF0 scale damage with maximum winds near 75 mph. There was substantial damage to a barn with a portion of its metal roof peeled off and the trusses damaged. Another barn had its shingles peeled off. There were also numerous large tree branches down along the short path of the tornado.				
<b>LIVINGSTON COUNTY</b>				
4.0 NE FOWLerville	08/24/07 16:30 EST		7M	Tornado (EF2, L: 14.04 mi , W: 440 yd)
8.3 N HARTLAND	08/24/07 16:49 EST		0	42.7109N, 84.0144W ~ 42.77N, 83.75W
This tornado first touched down approximately 4 miles northeast of Fowlerville at 1630EST between Owosso and Fleming Roads approximately three-fourths of a mile north of Chase Lake Road in Cohoctah Township, Livingston County. Tornado damage was observed from the ground continuously for 14 miles in Livingston County through Cohoctah Township, Deerfield Township and northwest Tyrone Township where the tornado entered Genesee County and the City of Fenton. The tornado damaged 71 homes/buildings and leveled hundreds of trees in Livingston County. Eight homes were destroyed in Cohoctah and Deerfield Townships. The damage along the path was predominately consistent with EF1 scale damage (associated with approximately 100 MPH winds). However, there were 2 sections in Livingston County consistent with EF2 scale damage (and associated with approximately 130 mph winds). The first section of EF2 damage occurred along Schrepfer Road in Cohoctah Township, where a single family dwelling was destroyed. The second section of EF2 damage occurred near the intersection of Center and Mack Roads in Deerfield Township, where substantial structural and tree damage was observed. A third and final section of EF2 damage occurred in Genesee County through the City of Fenton. The average path width in Livingston County was 200 yards. The tornado exited Livingston County across Bennett Lake Road approximately a half mile west of U.S. 23 at 1649EST. It then continued for 4 miles across southeastern Genesee County and for another 5.5 miles in western Oakland County.				
<b>WASHTENAW COUNTY</b>				
4.5 N CHELSEA	08/24/07 16:30 EST		25K	Thunderstorm Wind (EG 57 kt)
	08/24/07 16:30 EST		0	42.3851N, 84.02W
The local newspaper reported significant damage on the south side of the North Lake area. Numerous large trees and power lines were down within a tight area along Lakeshore Drive and North Territorial and Stofer Roads. Several homes suffered from wind damage. There were also reports of windows blown out. The winds also knocked a transformer and pole into the lake. The local newspaper estimated that the damages would be measured in tens of thousands of dollars.				
<b>LIVINGSTON COUNTY</b>				
HARTLAND	08/24/07 16:40 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 16:40 EST		0	42.65N, 83.75W
Broadcast media reported multiple trees down.				
<b>GENESEE COUNTY</b>				
3.0 WSW FENTON	08/24/07 16:49 EST		13M	Tornado (EF2, L: 3.94 mi , W: 440 yd)
1.0 E FENTON	08/24/07 17:00 EST	1	0	42.7834N, 83.7546W ~ 42.8N, 83.6803W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This is the same tornado that began in Livingston County's Cohoctah Township. The tornado crossed into Genesee County approximately 3 miles west southwest of Fenton at 1649EST. The City of Fenton sustained the greatest amount of damage where the tornado path widened to approximately one-quarter mile, including the snapping and uprooting of hundreds of trees, de-roofing of both residential and municipal structures, and the partial collapse of a large retail structure near the intersection of Owen Road and U.S. 23. Of the approximately 250 homes/buildings damaged in Fenton, two were destroyed and five sustained major damage. The tornado was rated as EF2 in Fenton with wind speeds estimated at approximately 130 MPH. The average path width in Genesee County was 350 yards. One person in Fenton received minor injuries after being struck by flying glass. The tornado exited Genesee County one mile east of Fenton at 1700EST and then continued in Oakland County for another 5.5 miles.</p>				
<b>OAKLAND COUNTY</b>				
4.0 N NOVI	08/24/07 16:58 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 16:58 EST		0	42.5378N, 83.47W
A trained spotter estimated wind gusts at 60 MPH.				
<b>OAKLAND COUNTY</b>				
3.0 W HOLLY	08/24/07 17:00 EST		4M	Tornado (EF1, L: 5.54 mi , W: 440 yd)
3.0 NE HOLLY	08/24/07 17:07 EST		0	42.8N, 83.6791W ~ 42.8307N, 83.5782W
<p>This is the same tornado that began in Livingston County's Cohoctah Township and eventually tore a path through the City of Fenton in southwestern Genesee County. The tornado exited Genesee County and moved into Oakland County via Grange Hall Road at 1700EST. Of the 30 homes/buildings damaged in Oakland County, two were destroyed. The most significant damage in Oakland County occurred on Holly's north-side along the Grange Hall Road corridor and was rated as EF1 with wind speeds estimated at approximately 100 MPH. The average path width in Oakland County was 150 yards. The tornado ended in Oakland County approximately 3 miles northeast of Holly at 1707EST.</p>				
<b>OAKLAND COUNTY</b>				
5.0 N NOVI	08/24/07 17:00 EST		0	Thunderstorm Wind (EG 54 kt)
	08/24/07 17:00 EST		0	42.5523N, 83.47W
A trained spotter reported large tree branches down.				
<b>WASHTENAW COUNTY</b>				
2.4 WNW SALEM	08/24/07 17:02 EST		0.50M	Tornado (EF0, L: 2.47 mi , W: 50 yd)
2.0 N SALEM	08/24/07 17:07 EST		0	42.4133N, 83.6134W ~ 42.4289N, 83.57W
<p>This tornado touched down in Salem Township in extreme northeastern Washtenaw County. The initial tornado damage was noted just north of Seven Mile road and just west of Tower road in the area of Salem Farms Drive and Sunset Drive. This damage was primarily to trees, along with some shingle damage to roofs of houses. The damage path continued northeast to the Northville Crossings subdivision where there was damage to roofs and sidings of several homes. Further northeast there was tree damage along Currie Road just south of Eight Mile Road. The damage path weakened and ended along 8 mile and Chubb road in Washtenaw County. Throughout the path of the tornado, damage estimates were consistent with EF0 scale damage, with maximum winds near 70 mph along Sunset Drive and in Northville Crossings. Other damage to trees was more consistent with winds 55 to 60 mph. The average path width was 50 yards.</p>				
<b>LENAWEE COUNTY</b>				
SAND CREEK	08/24/07 17:05 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:05 EST		0	41.83N, 84.1W
A trained spotter reported many trees down.				
<b>OAKLAND COUNTY</b>				
2.0 S ORTONVILLE	08/24/07 17:10 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:10 EST		0	42.8211N, 83.43W
A trained spotter reported numerous trees down and siding blown off a home. Winds were estimated at 65 MPH.				
<b>WAYNE COUNTY</b>				
NORTHVILLE	08/24/07 17:10 EST		30K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:10 EST		0	42.43N, 83.48W
Broadcast media reported trees down on homes and vehicles in the City of Northville. Total property damages were estimated at roughly \$30K.				
<b>LENAWEE COUNTY</b>				
3.0 S ADRIAN	08/24/07 17:13 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:13 EST		0	41.8566N, 84.03W



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A trained spotter reported trees down.				
<b>LENAWEE COUNTY</b>				
PALMYRA	08/24/07 17:15 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:15 EST		0	41.87N, 83.93W
A trained spotter reported numerous trees and power lines down.				
<b>LAPEER COUNTY</b>				
2.0 SSW HADLEY	08/24/07 17:16 EST		1M	Tornado (EF1, L: 3.16 mi , W: 250 yd)
1.8 E HADLEY	08/24/07 17:22 EST		0	42.9233N, 83.4151W ~ 42.95N, 83.3645W
This tornado tracked for several miles through Hadley Township, narrowly missing the town of Hadley. The initial tornado damage was observed one-half mile southwest of the Gregory and Brigham road intersection in Hadley Township. Significant damage to homes, outbuildings, and garages was observed at the intersection of Gregory and Brigham roads, and farther east along Brigham road. Damage to homes in this area was consistent with EF1 scale damage and maximum winds of roughly 110 mph. In addition, hundreds of trees were uprooted and/or snapped along Gregory Road and along Brigham road to near Hadley road. Lighter tree damage consistent with EF0 scale damage and winds around 70 mph occurred from the Hadley and Brigham road intersection northeastward to Pratt road (just west of Herd road). The average path width was 150 yards.				
<b>OAKLAND COUNTY</b>				
LAKE ORION	08/24/07 17:18 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:18 EST		0	42.78N, 83.23W
A trained spotter estimated the wind gusts at 65 MPH.				
<b>LAPEER COUNTY</b>				
2.0 SW LAPEER	08/24/07 17:19 EST		0	Thunderstorm Wind (EG 55 kt)
	08/24/07 17:19 EST		0	43.0296N, 83.348W
A trained spotter reported a tree 6 inches in diameter down.				
<b>LAPEER COUNTY</b>				
LAPEER	08/24/07 17:21 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:21 EST		0	43.05N, 83.32W
Law enforcement reported trees down.				
<b>WAYNE COUNTY</b>				
LIVONIA	08/24/07 17:23 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 17:23 EST		0	42.38N, 83.37W
A trained spotter reported large tree branches down and estimated the wind gusts at 60 MPH.				
<b>MONROE COUNTY</b>				
3.0 S PETERSBURG	08/24/07 17:25 EST		0	Thunderstorm Wind (EG 54 kt)
	08/24/07 17:25 EST		0	41.8566N, 83.72W
A trained spotter reported tree branches 5 inches in diameter down.				
<b>MONROE COUNTY</b>				
PETERSBURG	08/24/07 17:25 EST		3K	Thunderstorm Wind (EG 55 kt)
	08/24/07 17:25 EST		0	41.9N, 83.72W
The local newspaper reported a 100-year-old decorative maple down in Petersburg.				
<b>OAKLAND COUNTY</b>				
FARMINGTON	08/24/07 17:25 EST		15K	Thunderstorm Wind (EG 52 kt)
	08/24/07 17:25 EST		0	42.47N, 83.37W
The local newspaper reported 15 live wires and 5 trees down throughout the city of Farmington. A trained spotter estimated the wind gusts at 60 MPH.				
<b>MONROE COUNTY</b>				
1.0 W DUNDEE	08/24/07 17:26 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:26 EST		0	41.95N, 83.6694W

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The local newspaper reported a barn down on M-50 just west of Dundee.				
<b>MONROE COUNTY</b>				
DUNDEE	08/24/07 17:27 EST		0	Thunderstorm Wind (EG 55 kt)
	08/24/07 17:27 EST		0	41.95N, 83.65W
The local newspaper reported a large tree down on Tecumseh Street.				
<b>MONROE COUNTY</b>				
3.0 SE DUNDEE	08/24/07 17:32 EST		0	Thunderstorm Wind (EG 55 kt)
	08/24/07 17:32 EST		0	41.9193N, 83.6088W
The local newspaper reported a large tree down on Meanwell Road, forcing authorities to barricade that section of the road until clean-up crews could get to it the following morning.				
<b>MONROE COUNTY</b>				
MONROE	08/24/07 17:40 EST		75K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:40 EST		0	41.92N, 83.4W
Law enforcement reported widespread trees down throughout the city of Monroe and across eastern portions of Monroe County. Many homes and businesses suffered damage. The City of Monroe declared an emergency later in the night and asked people to stay off the streets. Winds were estimated at 65 MPH. Total property damages were estimated at roughly \$75K.				
<b>OAKLAND COUNTY</b>				
FERNDAL	08/24/07 17:40 EST		75K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:40 EST		0	42.45N, 83.12W
The local newspaper reported dozens of trees down throughout Ferndale. Several homes and several vehicles were damaged by the fallen trees.				
<b>OAKLAND COUNTY</b>				
ROYAL OAK	08/24/07 17:40 EST		75K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:40 EST		0	42.48N, 83.13W
Broadcast media reported six trees down across the city with several homes and several vehicles damaged by the fallen trees.				
<b>MACOMB COUNTY</b>				
3.5 SW ROSEVILLE	08/24/07 17:45 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:50 EST		0	42.4642N, 82.9485W
A trained spotter reported a large tree down and estimated the wind gusts at 65 MPH.				
<b>MACOMB COUNTY</b>				
ROSEVILLE	08/24/07 17:45 EST		3K	Thunderstorm Wind (EG 61 kt)
	08/24/07 17:45 EST		0	42.5N, 82.9W
A trained spotter reported large trees down and shingles blown off a house. Winds were estimated at 70 MPH.				
<b>MACOMB COUNTY</b>				
ST CLAIR SHRS	08/24/07 17:45 EST		6K	Thunderstorm Wind (EG 61 kt)
	08/24/07 17:45 EST		0	42.48N, 82.87W
The local newspaper reported damage to trees, power poles, and power lines in and around the St Clair Shores areas. Winds were estimated at 70 MPH.				
<b>MACOMB COUNTY</b>				
CHESTERFIELD	08/24/07 17:48 EST		0	Thunderstorm Wind (EG 55 kt)
	08/24/07 17:48 EST		0	42.67N, 82.83W
A trained spotter reported a large tree branch 1 foot in diameter down.				
<b>ST. CLAIR COUNTY</b>				
YALE	08/24/07 17:48 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 17:48 EST		0	43.13N, 82.78W
A trained spotter reported a utility pole down.				

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<b>MACOMB COUNTY</b>				
WARREN	08/24/07 17:50 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 17:50 EST		0	42.52N, 83W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>WAYNE COUNTY</b>				
SOUTHGATE	08/24/07 17:50 EST		0	Thunderstorm Wind (EG 52 kt)
	08/24/07 17:50 EST		0	42.27N, 83.1W
A trained spotter estimated the wind gusts at 60 MPH.				
<b>LAPEER COUNTY</b>				
ALMONT	08/24/07 18:00 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 18:00 EST		0	42.92N, 83.03W
Trained spotters reported numerous trees down across southeastern Lapeer County.				
<b>MACOMB COUNTY</b>				
2.0 S MT CLEMENS	08/24/07 18:00 EST		10K	Lightning
	08/24/07 18:00 EST		0	42.5511N, 82.87W
A home caught fire during a heavy storm after it was struck by lightning. Total property damages were estimated at roughly \$10K.				
<b>ST. CLAIR COUNTY</b>				
3.0 N MARINE CITY	08/24/07 18:10 EST		2K	Thunderstorm Wind (EG 55 kt)
	08/24/07 18:10 EST		0	42.7634N, 82.48W
A trained spotter reported power lines down.				
<b>ST. CLAIR COUNTY</b>				
2.0 W ST CLAIR	08/24/07 18:12 EST		3K	Thunderstorm Wind (EG 55 kt)
	08/24/07 18:12 EST		0	42.83N, 82.5194W
A trained spotter reported shingles blown off a roof.				
<b>ST. CLAIR COUNTY</b>				
3.0 SSW ST CLAIR	08/24/07 18:15 EST		0	Thunderstorm Wind (EG 54 kt)
	08/24/07 18:15 EST		0	42.7899N, 82.5026W
A trained spotter reported multiple large tree branches down.				
<b>ST. CLAIR COUNTY</b>				
3.0 WSW ST CLAIR	08/24/07 18:15 EST		25K	Thunderstorm Wind (EG 61 kt)
	08/24/07 18:15 EST		0	42.8134N, 82.5346W
The local newspaper included photographs of a 35-foot motor home on its side. The wind also picked up and tossed a 300-pound table across the patio at the same home and blew a large tree down on the home next door. Total property damages were estimated at roughly \$25K.				
<b>ST. CLAIR COUNTY</b>				
HARSENS IS	08/24/07 18:23 EST		0	Thunderstorm Wind (EG 56 kt)
	08/24/07 18:23 EST		0	42.77N, 82.7W
A trained spotter reported a tree down.				
<b>ST. CLAIR COUNTY</b>				
ALGONAC	08/24/07 18:27 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/24/07 18:27 EST		0	42.62N, 82.53W
Law enforcement reported several trees and power lines down.				

**Four tornadoes moved through portions of Southeast Michigan on August 24th, leading to an estimated \$25M in total damages. One long-track tornado cut a path of EF0 to EF2 damage across Livingston, Genesee, and Oakland Counties. Fenton was the hardest hit area,**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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prompting the Governor of Michigan to declare a state of emergency there. Tornadoes also touched down in eastern Shiawassee County (rated as EF0), northwestern Washtenaw County (rated as EF0), and southwestern Lapeer County (rated as EF1). Thousands of trees were lost to the tornadoes. Although hundreds of homes and buildings were damaged, many destroyed, remarkably only one person was injured (minor cuts from flying glass) and there were no direct fatalities. One man died (indirect) of a heart attack during the cleanup process in Fenton.

In addition to the tornadoes, there were widespread reports of severe thunderstorm wind gusts producing downed trees, limbs, and power lines. The hardest hit areas with respect to severe thunderstorm winds included areas around Flint, Lapeer, St. Clair, Chelsea, Monroe, and many locations in Livingston, Oakland, Macomb, Wayne and Lenawee Counties.

### SAGINAW COUNTY

FRANKENMUTH	08/29/07 14:10 EST		0	Hail (1.50 in)
	08/29/07 14:10 EST		0	43.33N, 83.75W

### TUSCOLA COUNTY

FAIRGROVE	08/29/07 14:10 EST		6K	Thunderstorm Wind (EG 50 kt)
	08/29/07 14:10 EST		0	43.52N, 83.55W

A trained spotter reported many tree branches 3 to 5 inches in diameter down in Fairgrove. The local Police Chief reported the heaviest damage just outside the village limits where trees and power lines were down. A temporary storage shed was also destroyed by the wind.

### TUSCOLA COUNTY

CARO	08/29/07 14:15 EST		0	Thunderstorm Wind (EG 52 kt)
	08/29/07 14:15 EST		0	43.48N, 83.4W

A trained spotter estimated the wind gusts at 60 MPH.

### TUSCOLA COUNTY

CASS CITY	08/29/07 14:27 EST		0	Thunderstorm Wind (EG 54 kt)
	08/29/07 14:27 EST		0	43.6N, 83.17W

A trained spotter reported a tree down.

### TUSCOLA COUNTY

2.0 E CASS CITY	08/29/07 14:30 EST		0	Thunderstorm Wind (EG 56 kt)
	08/29/07 14:30 EST		0	43.6N, 83.1301W

Trained spotters reported trees and power lines down.

### SANILAC COUNTY

1.0 SW NEW GREENLEAF	08/29/07 14:31 EST		0	Thunderstorm Wind (EG 50 kt)
	08/29/07 14:31 EST		0	43.6398N, 83.0941W

A trained spotter reported large tree branches down.

### SANILAC COUNTY

2.0 N ARGYLE	08/29/07 14:42 EST		0	Hail (0.75 in)
	08/29/07 14:42 EST		0	43.5989N, 82.93W

### SANILAC COUNTY

2.0 N ARGYLE	08/29/07 14:42 EST		0	Thunderstorm Wind (EG 52 kt)
	08/29/07 14:42 EST		0	43.5989N, 82.93W

A trained spotter estimated the wind gusts at 60 MPH.

### SAGINAW COUNTY

BURT	08/29/07 15:03 EST		0	Thunderstorm Wind (EG 52 kt)
	08/29/07 15:03 EST		0	43.23N, 83.92W

A trained spotter estimated the wind gusts at 60 MPH.

### SAGINAW COUNTY

OAKLEY	08/29/07 15:25 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/29/07 15:25 EST		0	43.13N, 84.17W

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Law enforcement reported trees and power lines down.				
<b>GENESEE COUNTY</b>				
MONTROSE	08/29/07 15:30 EST		0	Hail (0.75 in)
	08/29/07 15:30 EST		0	43.18N, 83.87W
<b>SAGINAW COUNTY</b>				
BIRCH RUN	08/29/07 15:38 EST		0	Thunderstorm Wind (EG 56 kt)
	08/29/07 15:38 EST		0	43.25N, 83.8W
Law enforcement reported a few trees down.				
<b>GENESEE COUNTY</b>				
2.0 N CLIO	08/29/07 15:45 EST		0	Hail (1.00 in)
	08/29/07 15:45 EST		0	43.2089N, 83.72W
<b>GENESEE COUNTY</b>				
CLIO	08/29/07 15:45 EST		0	Hail (1.00 in)
	08/29/07 15:45 EST		0	43.18N, 83.72W
<b>GENESEE COUNTY</b>				
CLIO	08/29/07 15:45 EST		0	Thunderstorm Wind (EG 56 kt)
	08/29/07 15:45 EST		0	43.18N, 83.72W
Trained spotters reported trees 2 to 3 feet in diameter down.				
<b>GENESEE COUNTY</b>				
MT MORRIS	08/29/07 15:52 EST		0	Thunderstorm Wind (EG 61 kt)
	08/29/07 15:52 EST		0	43.12N, 83.68W
A trained spotter estimated the wind gusts at 70 MPH.				
<b>GENESEE COUNTY</b>				
MT MORRIS	08/29/07 15:52 EST		1K	Thunderstorm Wind (EG 55 kt)
	08/29/07 15:52 EST		0	43.12N, 83.68W
A trained spotter reported a large tree and power lines down at the intersection of Roosevelt and Saginaw Roads.				
<b>GENESEE COUNTY</b>				
MT MORRIS	08/29/07 15:53 EST		0	Thunderstorm Wind (EG 55 kt)
	08/29/07 15:53 EST		0	43.12N, 83.68W
A trained spotter reported a large tree and several tree branches down.				
<b>GENESEE COUNTY</b>				
GRAND BLANC	08/29/07 16:01 EST		0	Thunderstorm Wind (MG 54 kt)
	08/29/07 16:01 EST		0	42.92N, 83.62W
A trained spotter measured a 62 MPH wind gust.				
<b>SHIAWASSEE COUNTY</b>				
4.8 SSE JUDDVILLE	08/29/07 16:03 EST		3K	Thunderstorm Wind (EG 56 kt)
	08/29/07 16:03 EST		0	42.9866N, 83.9441W
Law enforcement reported trees and power lines down.				
<b>LAPEER COUNTY</b>				
3.0 N LUM	08/29/07 16:45 EST		0	Thunderstorm Wind (EG 56 kt)
	08/29/07 16:45 EST		0	43.1434N, 83.15W
The local newspaper reported trees and power lines down across Little Cedar Creek Drive.				
<b>LAPEER COUNTY</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IMLAY CITY	08/29/07 16:45 EST		0	Thunderstorm Wind (EG 52 kt)
	08/29/07 16:45 EST		0	43.03N, 83.08W
Broadcast media reported large tree branches down.				
<b>LAPEER COUNTY</b>				
NORTH BRANCH	08/29/07 16:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/29/07 16:46 EST		0	43.23N, 83.2W
A trained spotter reported large tree branches down.				
<b>LAPEER COUNTY</b>				
3.0 N LUM	08/29/07 17:00 EST		0.18M	Lightning
	08/29/07 17:00 EST		0	43.1434N, 83.15W
The local newspaper reported a home destroyed by fire after being struck by lightning during a violent thunderstorm. Total property damages were estimated at roughly \$175K.				
<b>ST. CLAIR COUNTY</b>				
6.0 N CAPAC	08/29/07 17:02 EST		0	Thunderstorm Wind (EG 54 kt)
	08/29/07 17:02 EST		0	43.1067N, 82.92W
A trained spotter reported a tree branch 8 inches in diameter down.				
<b>LIVINGSTON COUNTY</b>				
4.0 SE HOWELL	08/29/07 17:20 EST		0	Thunderstorm Wind (EG 55 kt)
	08/29/07 17:20 EST		0	42.5591N, 83.8745W
A trained spotter reported a tree and power lines down.				
<b>ST. CLAIR COUNTY</b>				
WADNAMS	08/29/07 17:31 EST		0	Hail (0.75 in)
	08/29/07 17:31 EST		0	42.98N, 82.53W
<b>WASHTENAW COUNTY</b>				
2.0 N SALEM	08/29/07 17:40 EST		0	Thunderstorm Wind (EG 56 kt)
	08/29/07 17:40 EST		0	42.4289N, 83.57W
Law enforcement reported trees down.				
<b>OAKLAND COUNTY</b>				
2.1 NW OXBOW	08/29/07 17:48 EST		16K	Lightning
	08/29/07 17:48 EST		0	42.6511N, 83.4986W
Lightning struck the National Weather Service office. Total damages to upper air equipment, Doppler Radar, telephone services, and miscellaneous items were estimated at approximately \$16K.				
<b>MONROE COUNTY</b>				
1.0 N CARLETON	08/29/07 18:42 EST		0	Thunderstorm Wind (EG 55 kt)
	08/29/07 18:42 EST		0	42.0645N, 83.38W
Law enforcement reported a tree down.				
<b>WAYNE COUNTY</b>				
LINCOLN PARK	08/29/07 18:45 EST		0	Thunderstorm Wind (MG 50 kt)
	08/29/07 18:45 EST		0	42.23N, 83.17W
A trained spotter measured a 58 MPH wind gust.				
<b>WAYNE COUNTY</b>				
WYANDOTTE	08/29/07 18:45 EST		0	Thunderstorm Wind (EG 55 kt)
	08/29/07 18:45 EST		0	42.2N, 83.17W
A trained spotter reported trees and power lines down.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A strong cold front moved through Southeast Michigan during the peak heating of the day and led to another big event, especially for late August. Severe thunderstorms with large hail and damaging wind gusts impacted nearly all of Southeast Lower Michigan, including all neighboring marine areas. A couple of storms across the Thumb showed rotation and prompted the issuance of a couple of tornado warnings. No tornadoes were reported. Lightning struck the National Weather Service office during this event, causing total damages in excess of \$15K.